



Test Report

Product Name	ASUS Tablet
Model No.	TF810C
FCC ID	MSQTF810CAH691

Applicant	ASUSTeK COMPUTER INC.
Address	4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan, R.O.C.

Date of Receipt	July 13, 2012
Issued Date	Aug. 17, 2012
Report No.	127293R-RFUSP39V01
Report Version	V1.0



The test results relate only to the samples tested.

The test report shall not be reproduced except in full without the written approval of Quietek Corporation.

This report must not be used to claim product endorsement by NVLAP any agency of the U.S. Government

Test Report Certification

Issued Date: Aug. 17, 2012

Report No.: 127293R-RFUSP39V01



Product Name	ASUS Tablet
Applicant	ASUSTeK COMPUTER INC.
Address	4F, No. 150, Li-Te Rd., Peitou, Taipei, Taiwan, R.O.C.
Manufacturer	1. PEGATRON CORPORATION Taoyuan Mfg 2. Protek (Shanghai) Limited. 3. Tech-Com(Shanghai) Computer Co.Ltd. 4. Wistron InfoComm(Kunshan) Co., Ltd.
Model No.	TF810C
FCC ID.	MSQTF810CAH691
EUT Rated Voltage	AC 100-240V, 50-60Hz
EUT Test Voltage	AC 120V/60Hz
Trade Name	ASUS
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C: 2010 ANSI C63.4: 2003
Test Result	Complied

Test results relate only to the samples tested.

The test report shall not be reproduced except in full without the written approval of Quietek Corporation.

This report must not be used to claim product endorsement by NVLAP any agency of the U.S. Government

Documented By : Genie Chang
 (Senior Adm. Specialist / Genie Chang)

Tested By : Henk Huang
 (Engineer / Henk Huang)

Approved By : Vincent Lin
 (Manager / Vincent Lin)

TABLE OF CONTENTS

Description	Page
1. GENERAL INFORMATION	4
1.1. EUT Description.....	4
1.2. Operational Description	5
1.3. Tested System Details.....	6
1.4. Configuration of tested System	6
1.5. EUT Exercise Software	6
1.6. Test Facility	7
2. Conducted Emission.....	8
2.1. Test Equipment.....	8
2.2. Test Setup	8
2.3. Limits	9
2.4. Test Procedure	9
2.5. Uncertainty	9
2.6. Test Result of Conducted Emission.....	10
3. Radiated Emission.....	12
3.1. Test Equipment.....	12
3.2. Test Setup	12
3.3. Limits	13
3.4. Test Procedure	14
3.5. Uncertainty	15
3.6. Test Result of Radiated Emission.....	16
4. Band Edge	19
4.1. Test Equipment.....	19
4.2. Test Setup	19
4.3. Limits	20
4.4. Test Procedure	20
4.5. Uncertainty	20
4.6. Test Result of Band Edge	21
5. Frequency Tolerance	23
5.1. Test Equipment.....	23
5.2. Test Setup	23
5.3. Limits	23
5.4. Test Procedure	23
5.5. Uncertainty	23
5.6. Test Result of Frequency Stability.....	24
6. EMI Reduction Method During Compliance Testing	26
Attachment 1: EUT Test Photographs	
Attachment 2: EUT Detailed Photographs	

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	ASUS Tablet
Trade Name	ASUS
Model No.	TF810C
FCC ID	MSQTF810CAH691
Frequency Range	13.56MHz
Channel Control	N/A
Antenna Type	PCB Antenna
Antenna Information	MFR: INPAQ Part No: NF-C-F1-R0-003
USB Cable	Non-Shielded, 1.5m
Power Adapter	MFR: DELTA, M/N: ADP18BW A Input: 100-240V~0.5A, 50-60Hz Output: 15V $\overline{=}$ 1.2A or 5V $\overline{=}$ 2A

Frequency of Each Channel:

Channel	Frequency
Channel 1:	13.56 MHz

Note:

1. This device is an ASUS Tablet, Contains functions and so on WiFi 、 Bluetooth 、 NFC 、 GPS , This report for NFC.
2. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.225 for spread spectrum devices.
3. The radiation measurements are performed in X, Y, Z axis positioning. Only the worst case is shown in the report.

Test Mode	Mode 1: Transmit mode
-----------	-----------------------

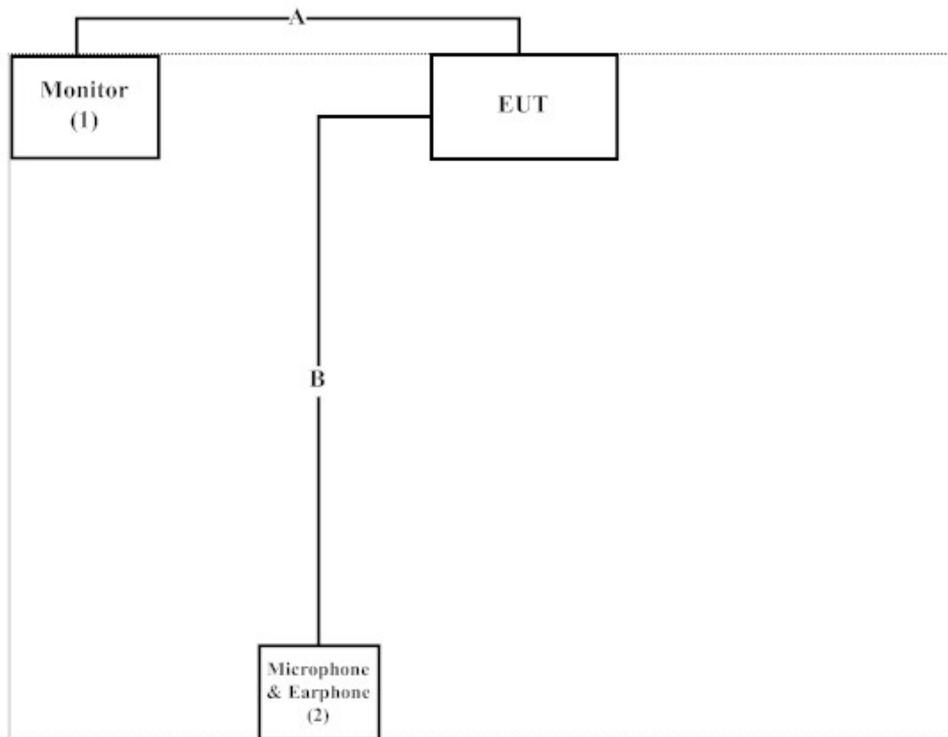
1.3. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product	Manufacturer	Model No.	Serial No.	Power Cord
(1) Monitor	DELL	U2410f	CN-082WXD-72872-23E-AD5L	Non-Shielded, 1.8m
(2) Microphone & Earphone	PCHOME	N/A	N/A	N/A

Signal Cable Type	Signal cable Description
A HDMI Cable	Shielded, 1.7m
B Microphone & Earphone Cable	Non-Shielded, 2.0m

1.4. Configuration of tested System



1.5. EUT Exercise Software

- (1) Setup the EUT as shown in Section 1.4
- (2) Execute program on the EUT.
- (3) Configure the test mode, the test channel.
- (4) Press “OK” to start the continuous transmitter.
- (5) Verify that the EUT works properly.

1.6. Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	20-35
Humidity (%RH)	25-75	50-65
Barometric pressure (mbar)	860-1060	950-1000

The related certificate for our laboratories about the test site and management system can be downloaded from

Quietek Corporation's Web Site : <http://tw.quietek.com/tw/emc/accreditations/accreditations.htm>

The address and introduction of Quietek Corporation's laboratories can be founded in our Web site : <http://www.quietek.com/>

Site Description: File on
Federal Communications Commission
FCC Engineering Laboratory
7435 Oakland Mills Road
Columbia, MD 21046
Registration Number: 92195

Accreditation on NVLAP
NVLAP Lab Code: 200533-0

Site Name: Quietek Corporation
Site Address: No. 5-22, Ruei-Shu Valley, Ruei-Ping Tsuen,
Lin-Kou Shiang, Taipei,
Taiwan, R.O.C.
TEL: 886-2-8601-3788 / FAX : 886-2-8601-3789
E-Mail : service@quietek.com

FCC Accreditation Number: TW1014

2. Conducted Emission

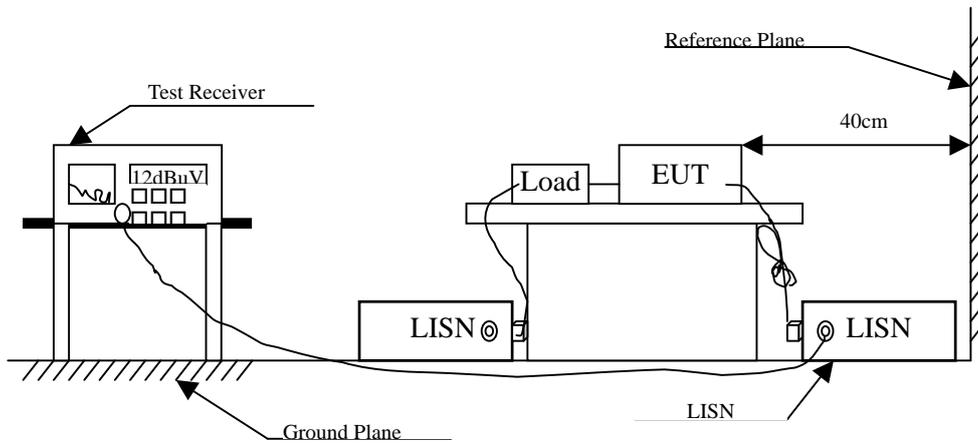
2.1. Test Equipment

	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.	Remark
X	Test Receiver	R & S	ESCS 30 / 825442/018	Sep., 2011	
X	Artificial Mains Network	R & S	ENV4200 / 848411/10	Feb., 2012	Peripherals
X	LISN	R & S	ESH3-Z5 / 825562/002	Feb., 2012	EUT
	DC LISN	Schwarzbeck	8226 / 176	Mar, 2012	EUT
X	Pulse Limiter	R & S	ESH3-Z2 / 357.8810.52	Feb., 2012	
	No.1 Shielded Room				

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked by “X” are used to measure the final test results.

2.2. Test Setup



2.3. Limits

FCC Part 15 Subpart C Paragraph 15.207 (dBUV) Limit		
Frequency MHz	Limits	
	QP	AV
0.15 - 0.50	66-56 _(註)	56-46 _(註)
0.50-5.0	56	46
5.0 - 30	60	50

2.4. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm /50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2003 on conducted measurement.

Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

2.5. Uncertainty

± 2.26 dB

2.6. Test Result of Conducted Emission

Product : ASUS Tablet
 Test Item : Conducted Emission Test
 Power Line : Line 1
 Test Mode : Mode 1: Transmit mode

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV	Margin dB	Limit dBuV
LINE 1					
Quasi-Peak					
0.212	9.678	36.850	46.528	-17.701	64.229
0.353	9.640	32.500	42.140	-18.060	60.200
0.541	9.640	21.260	30.900	-25.100	56.000
1.173	9.670	18.500	28.170	-27.830	56.000
1.459	9.670	17.650	27.320	-28.680	56.000
6.427	9.720	26.820	36.540	-23.460	60.000
Average					
0.212	9.678	25.220	34.898	-19.331	54.229
0.353	9.640	21.460	31.100	-19.100	50.200
0.541	9.640	12.520	22.160	-23.840	46.000
1.173	9.670	15.940	25.610	-20.390	46.000
1.459	9.670	8.800	18.470	-27.530	46.000
6.427	9.720	14.120	23.840	-26.160	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “” means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Product : ASUS Tablet
 Test Item : Conducted Emission Test
 Power Line : Line 2
 Test Mode : Mode 1: Transmit mode

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV	Margin dB	Limit dBuV
LINE 2					
Quasi-Peak					
0.216	9.676	27.210	36.886	-27.228	64.114
0.427	9.650	33.720	43.370	-14.716	58.086
0.697	9.650	29.790	39.440	-16.560	56.000
1.072	9.690	24.340	34.030	-21.970	56.000
3.513	9.710	20.050	29.760	-26.240	56.000
5.978	9.740	23.050	32.790	-27.210	60.000
Average					
0.216	9.676	21.350	31.026	-23.088	54.114
0.427	9.650	25.800	35.450	-12.636	48.086
0.697	9.650	20.330	29.980	-16.020	46.000
1.072	9.690	13.920	23.610	-22.390	46.000
3.513	9.710	16.530	26.240	-19.760	46.000
5.978	9.740	13.100	22.840	-27.160	50.000

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. "■" means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

3. Radiated Emission

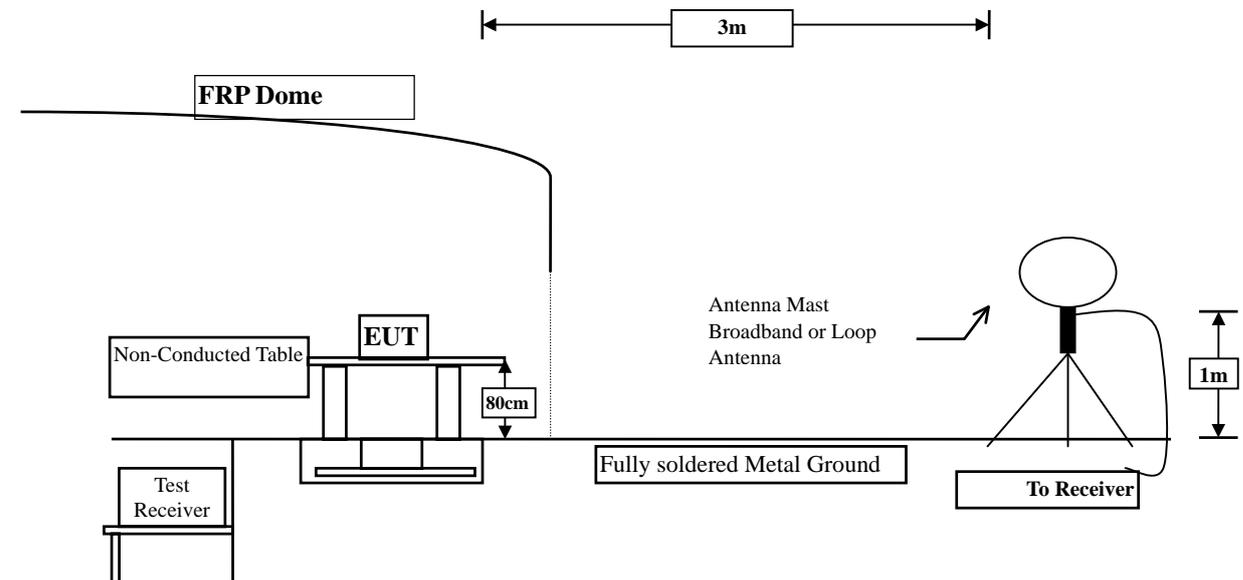
3.1. Test Equipment

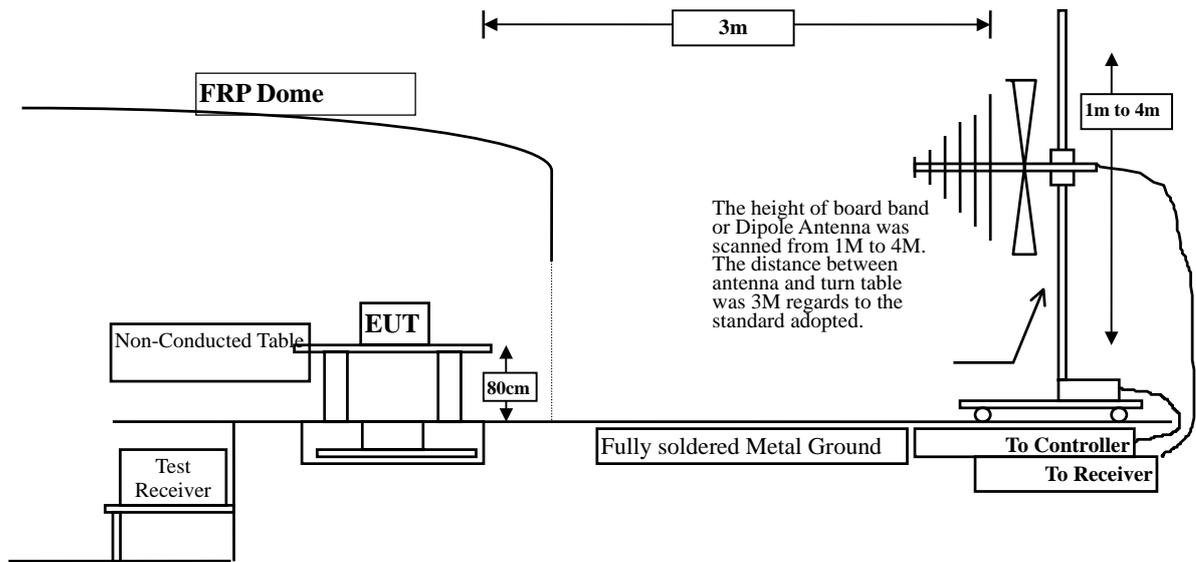
The following test equipment are used during the radiated emission test:

Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.
☒ Site # 3	X	Loop Antenna	Teseq	HLA6120 / 26739	Jul., 2012
	X	Bilog Antenna	Schaffner Chase	CBL6112B/2673	Sep., 2011
		Horn Antenna	Schwarzbeck	BBHA9120D/D305	Sep., 2011
		Horn Antenna	Schwarzbeck	BBHA9170/208	Jul., 2012
		Pre-Amplifier	QTK	QTK-AMP-03 / 0003	May, 2012
		Pre-Amplifier	QTK	AP-180C / CHM_0906076	Sep., 2011
		Pre-Amplifier	MITEQ	AMF-4D-180400-45-6P/ 925975	Mar, 2012
	X	Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2012
	X	Test Receiver	R & S	ESCS 30/ 825442/018	Sep., 2011
	X	Coaxial Cable	Quietek	QTK-CABLE/ CAB5	Feb., 2012
	X	Controller	Quietek	QTK-CONTROLLER/ CTRL3	N/A
	X	Coaxial Switch	Anritsu	MP59B/6200265729	N/A

- Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
 2. The test instruments marked with "X" are used to measure the final test results.

3.2. Test Setup





3.3. Limits

➤ Fundamental electric field strength Limit

FCC Part 15 Subpart C Paragraph 15.225 Limits				
Fundamental Frequency MHz	Field strength of fundamental			
	uV/m	Distance (meter)	dBuV/m	Distance (meter)
13.553 – 13.567	15848	30	124	3
13.410 – 13.553 and 13.567 – 13.710	334	30	90.47	3
13.110 – 13.410 and 13.710 – 14.010	106	30	80.50	3
Outside of the 13.110 – 14.010	See 15.209 Limits			

- Remarks :
1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
 2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
 3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

➤ Spurious electric field strength Limit

FCC Part 15 Subpart C Paragraph 15.209 Limits			
Frequency MHz	uV/m	dBuV/m	Measurement distance (meter)
0.009-0.490	2400/F(kHz)	See Remark ¹	300
0.490-1.705	24000/F(kHz)	See Remark ¹	30
1.705-30	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

- Remarks :
1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
 2. In the Above Table, the tighter limit applies at the band edges.
 3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3.4. Test Procedure

Fundamental electric field strength:

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum electric field strength.

The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna which is 1 meter above ground. All X-axis, Y-axis and Z-axis polarization of the antenna are set on measurement.

Spurious electric field strength:

➤ 9kHz~30MHz:

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum electric field strength.

The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna which is 1 meter above ground, both horizontal and vertical polarization of the antenna are set on measurement.

➤ 30MHz~1GHz:

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4 on radiated measurement.

On any frequency the radiated limits shown are based upon the use of measurement instrumentation employing an average detector function.

3.5. Uncertainty

± 2.6 dB below 30MHz

± 3.8 dB above 30MHz

3.6. Test Result of Radiated Emission

Product : ASUS Tablet
 Test Item : Fundamental Radiated Emission
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit mode

Horizontal

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m

Quasi-Peak

X-axis

13.560	20.040	18.960	39.000	-85.000	124.000
--------	--------	--------	--------	---------	---------

Y-axis

13.560	20.040	31.660	51.700	-72.300	124.000
--------	--------	--------	--------	---------	---------

Z-axis

13.560	20.040	31.160	51.200	-72.800	124.000
--------	--------	--------	--------	---------	---------

Vertical

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m

Quasi-Peak

X-axis

13.560	20.040	17.860	37.900	-86.100	124.000
--------	--------	--------	--------	---------	---------

Y-axis

13.560	20.040	25.860	45.900	-78.100	124.000
--------	--------	--------	--------	---------	---------

Z-axis

13.560	20.040	26.760	46.800	-77.200	124.000
--------	--------	--------	--------	---------	---------

Note:

1. Limit=84dBuV/m + 40*Log (30(m)/3(m))=124dBuV/m
2. All Readings below 1GHz are Quasi-Peak, above are average value.
3. Measurement Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

Product : ASUS Tablet
 Test Item : General Radiated Emission Data (below 30MHz)
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit mode

Horizontal

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
27.120	19.860	8.640	28.500	-41.040	69.540

Vertical

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
27.120	19.860	8.340	28.200	-41.340	69.540

Note:

1. $\text{Limit} = 29.54 \text{ dBuV/m} + 40 * \text{Log} (30(\text{m})/3(\text{m})) = 69.54 \text{ dBuV/m}$
2. All Readings below 1GHz are Quasi-Peak, above are average value.
3. "█" means the worst emission level.
4. $\text{Measurement Level} = \text{Reading Level} + \text{Correct Factor}$.

Product : ASUS Tablet
 Test Item : General Radiated Emission Data (above 30MHz)
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit mode

Frequency MHz	Correct Factor dB	Reading Level dBuV	Measurement Level dBuV/m	Margin dB	Limit dBuV/m
Horizontal					
QP Detector					
117.300	-9.196	30.701	21.505	-21.995	43.500
258.920	-5.050	28.830	23.780	-22.220	46.000
357.860	-2.084	30.804	28.720	-17.280	46.000
571.260	2.104	22.810	24.915	-21.085	46.000
664.380	2.062	33.831	35.893	-10.107	46.000
881.660	6.307	23.023	29.330	-16.670	46.000
Vertical					
QP Detector					
111.480	-0.954	28.655	27.701	-15.799	43.500
258.920	-7.490	28.830	21.340	-24.660	46.000
371.440	-2.737	27.303	24.566	-21.434	46.000
501.420	-0.795	25.434	24.639	-21.361	46.000
664.380	-1.918	33.831	31.913	-14.087	46.000
833.160	2.263	27.483	29.746	-16.254	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are average value.
2. "█" means the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

4. Band Edge

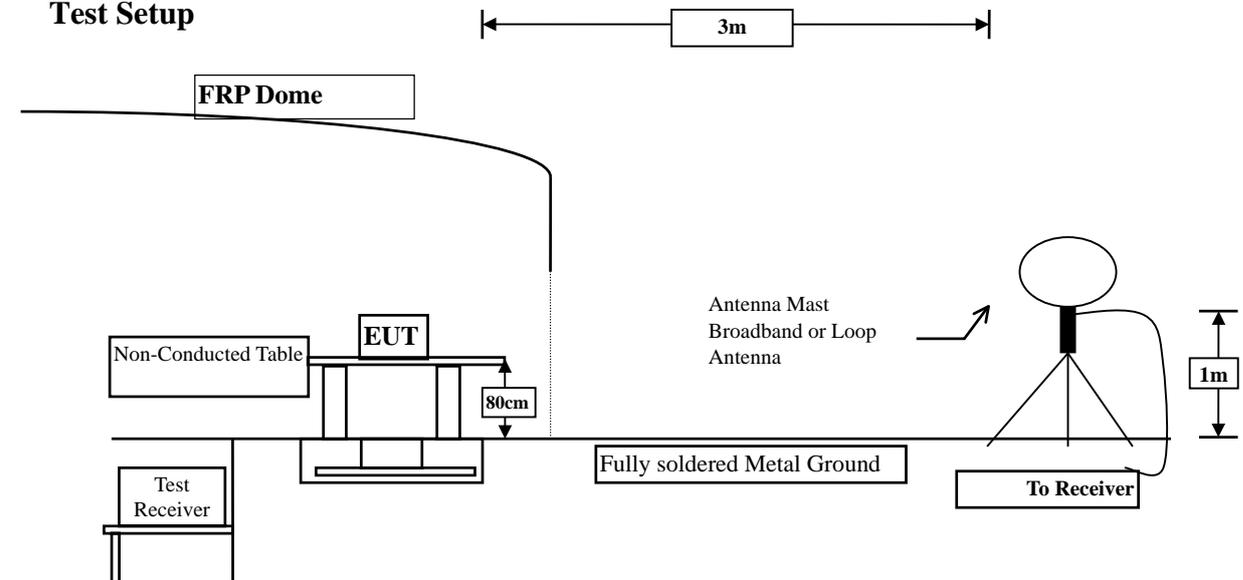
4.1. Test Equipment

The following test equipments are used during the band edge tests:

Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.
Site # 3	X	Loop Antenna	Teseq	HLA6120 / 26739	Jul., 2012
		Bilog Antenna	Schaffner Chase	CBL6112B/2673	Sep., 2011
		Horn Antenna	Schwarzbeck	BBHA9120D/D305	Sep., 2011
		Horn Antenna	Schwarzbeck	BBHA9170/208	Jul., 2012
		Pre-Amplifier	QTK	QTK-AMP-03 / 0003	May, 2012
		Pre-Amplifier	QTK	AP-180C / CHM_0906076	Sep., 2011
		Pre-Amplifier	MITEQ	AMF-4D-180400-45-6P/ 925975	Mar, 2012
	X	Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2012
	X	Test Receiver	R & S	ESCS 30/ 825442/018	Sep., 2011
	X	Coaxial Cable	Quietek	QTK-CABLE/ CAB5	Feb., 2012
	X	Controller	Quietek	QTK-CONTROLLER/ CTRL3	N/A
	X	Coaxial Switch	Anritsu	MP59B/6200265729	N/A

- Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
 2. The test instruments marked with "X" are used to measure the final test results.

4.2. Test Setup



4.3. Limits

In any 9 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 50 dB below that in the 9 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

4.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4 on radiated measurement.

4.5. Uncertainty

Radiated is ± 2.6 dB

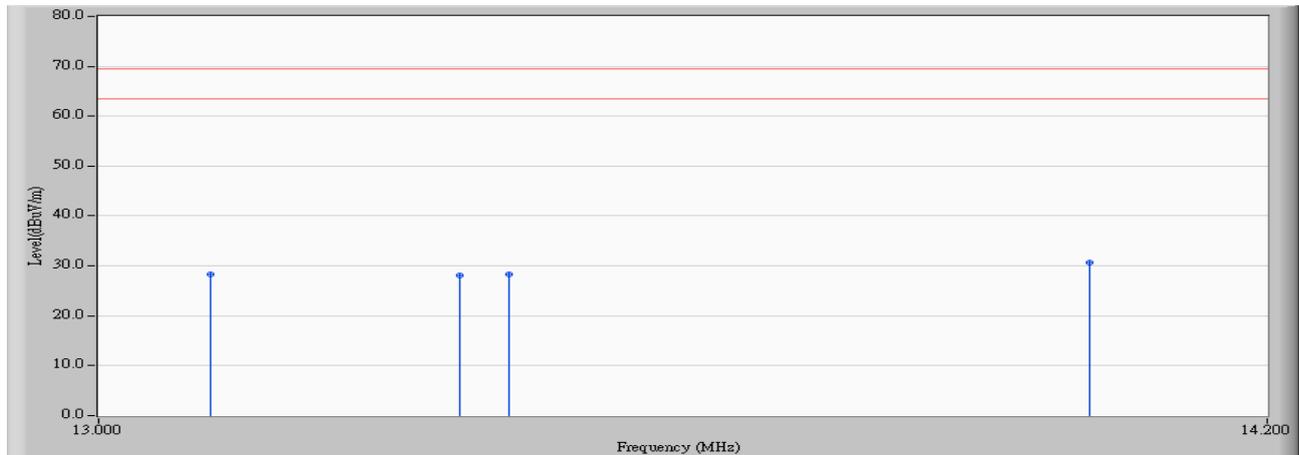
4.6. Test Result of Band Edge

Product : ASUS Tablet
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit mode

RF Radiated Measurement : (Horizontal)

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	QP Limit (dBuV/m)	Result
1 (Quasi-Peak)	13.110	20.020	8.280	28.300	69.540	Pass
2 (Quasi-Peak)	13.360	20.031	7.969	28.000	69.540	Pass
3 (Quasi-Peak)	13.410	20.040	8.260	28.300	69.540	Pass
4 (Quasi-Peak)	14.010	20.060	10.540	30.600	69.540	Pass

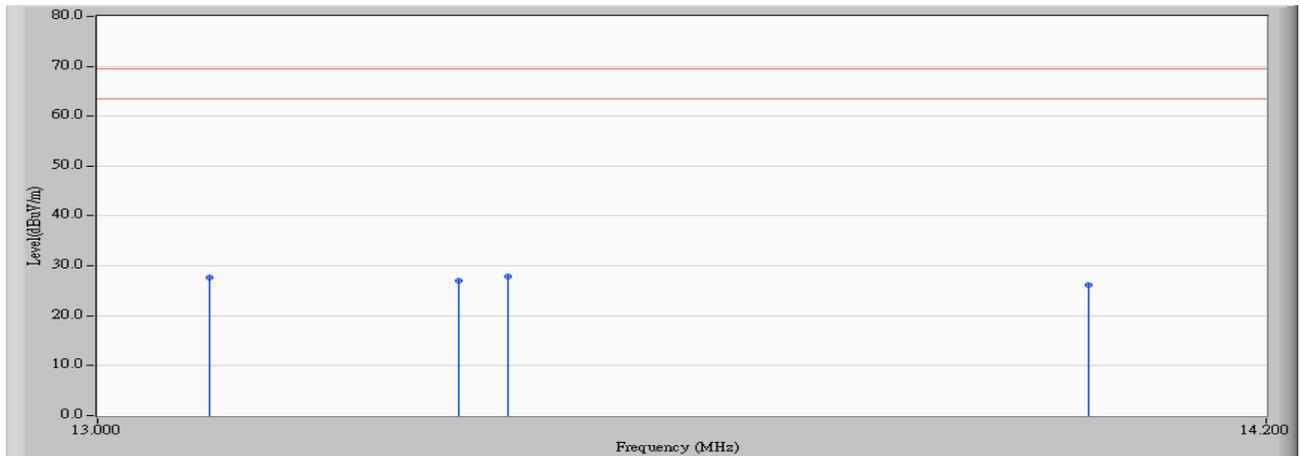
Figure Channel 1: (Horizontal)



RF Radiated Measurement : (Vertical)

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	QP Limit (dBuV/m)	Result
1 (Quasi-Peak)	13.110	20.020	7.680	27.700	69.540	Pass
2 (Quasi-Peak)	13.360	20.031	7.069	27.100	69.540	Pass
3 (Quasi-Peak)	13.410	20.040	7.860	27.900	69.540	Pass
4 (Quasi-Peak)	14.010	20.060	6.140	26.200	69.540	Pass

Figure Channel 1: (Vertical)



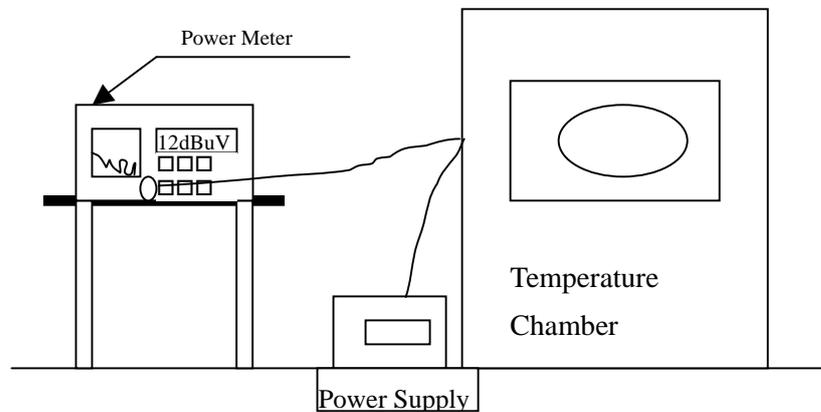
5. Frequency Tolerance

5.1. Test Equipment

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun, 2012
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun, 2012
X	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2012
X	Temperature Chamber	TDE	CHM 150CT	March, 2012

Note: All equipments are calibrated every one year.

5.2. Test Setup



5.3. Limits

The frequency tolerance of the carrier signal shall be maintained within $\pm 0.01\%$ of the operating frequency.

5.4. Test Procedure

The over operating frequency over a temperature variation of -20 degrees to +50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

5.5. Uncertainty

± 150 Hz

5.6. Test Result of Frequency Stability

Product : ASUS Tablet
 Test Item : Frequency Tolerance
 Test Site : Temperature Chamber
 Test Mode : Mode 1: Transmit mode

Temperature (°C)	Voltage (V)	Observe Time	Declared Frequency (MHz)	Read Frequency (MHz)	Tolerance (%)	Limit (%)
20	120	start	13.56	13.56056	0.004130	± 0.01 %
		2mins	13.56	13.56056	0.004130	
		5mins	13.56	13.56056	0.004130	
		10mins	13.56	13.56056	0.004130	
20	138	start	13.56	13.56056	0.004130	± 0.01 %
		2mins	13.56	13.56056	0.004130	
		5mins	13.56	13.56056	0.004130	
		10mins	13.56	13.56056	0.004130	
20	102	start	13.56	13.56056	0.004130	± 0.01 %
		2mins	13.56	13.56056	0.004130	
		5mins	13.56	13.56056	0.004130	
		10mins	13.56	13.56056	0.004130	
50	120	start	13.56	13.56048	0.003540	± 0.01 %
		2mins	13.56	13.56048	0.003540	
		5mins	13.56	13.56048	0.003540	
		10mins	13.56	13.56048	0.003540	
40	120	start	13.56	13.56050	0.003687	± 0.01 %
		2mins	13.56	13.56050	0.003687	
		5mins	13.56	13.56050	0.003687	
		10mins	13.56	13.56050	0.003687	
30	120	start	13.56	13.56053	0.003909	± 0.01 %
		2mins	13.56	13.56053	0.003909	
		5mins	13.56	13.56053	0.003909	
		10mins	13.56	13.56053	0.003909	

10	120	start	13.56	13.56055	0.004056	± 0.01 %
		2mins	13.56	13.56055	0.004056	
		5mins	13.56	13.56055	0.004056	
		10mins	13.56	13.56055	0.004056	
0	120	start	13.56	13.56056	0.004130	± 0.01 %
		2mins	13.56	13.56056	0.004130	
		5mins	13.56	13.56056	0.004130	
		10mins	13.56	13.56056	0.004130	
-10	120	start	13.56	13.56057	0.004204	± 0.01 %
		2mins	13.56	13.56057	0.004204	
		5mins	13.56	13.56057	0.004204	
		10mins	13.56	13.56057	0.004204	
-20	120	start	13.56	13.56057	0.004204	± 0.01 %
		2mins	13.56	13.56057	0.004204	
		5mins	13.56	13.56057	0.004204	
		10mins	13.56	13.56057	0.004204	

Note: Limit= Ref. Freq. * (±) 0.01% = 13.55952~13.56223MHz

6. EMI Reduction Method During Compliance Testing

No modification was made during testing.

Attachment 1: EUT Test Photographs

Attachment 2: EUT Detailed Photographs